

I. **AMENDMENTS TO THE CLAIMS**

In response to the above-referenced Office Action, please amend the application in the claims as follows (*support for the following claim amendments is found in the application specification at, e.g., page 1 line 9 through page 4 line 24*):

1 1. (Currently Amended) A high temperature rigid fiberboard formed by a
2 process comprising the steps of:
3 providing a fibrous material, the fibrous material including alumina silica fiber,
4 soluble fiber, mineral wool or a combination thereof free of organic binder, the fibrous
5 material comprising a weight percent greater than any other solid ingredient;
6 performing fiberization;
7 forming a fibrous mat;
8 accumulating layers of built-up fibrous mat;
9 heating and pressing the fibrous mat to achieve a desired thickness thereof;
10 and
11 drying the fibrous mat to form a fibrous high temperature pressed board
12 product;
13 ~~such that the resulting fiberboard is free of organic binder or starch subject to~~
14 ~~burning off and producing undesirable off-gassing during use.~~

1 2. (Original) The fiber board formed by a process in accordance with claim 1, the
2 process further comprising the step of: adding a filler material.

1 3. (Original) The fiber board formed by a process in accordance with claim 1, the
2 process further comprising the step of: adding dry/granular binder.

1 4. (Currently Amended) ~~The decorative cordless light emission element display~~
2 ~~apparatus of claim 1, wherein the housing is formed from a sturdy, shatter resistant, substantially~~
3 ~~translucent polymeric material~~ The fiber board formed by a process in accordance with claim
4 2, the process further comprising the step of: adding dry/granular binder.

1 5. (Original) The fiber board formed by the process of claim 3, further comprising
2 the step of adding the binder just after the fiberization step and before the formation of the
3 fibrous mat.

1 6. (Original) The fiberboard formed by the process of claim 3, further comprising
2 the step of adding the binder at the fiberization step and before the formation of the fibrous
3 mat.

1 7. (Original) The fiberboard formed by the process of claim 3, further comprising
2 the step of adding water to dissolve the binder.

1 8. (Original) The fiberboard formed by the process of claim 7, wherein the water is
2 applied just prior to the hot pressing step.

1 9. (Original) The fiberboard formed by the process of claim 7, wherein the water is
2 added in the form of encapsulated moisture in the same vicinity the binder is added.

1 10. (Currently Amended) A fibrous board comprising a body of fibers
2 constituting a majority weight percent of the board, the fibers adhered together and
3 accumulated without the requirement of organic binders or cationic starch such that the
4 fibrous board does not require surface finishing before or produce off-gassing during initial use.

1 11. (Original) The fibrous board of claim 10, wherein the fiber is selected from the
2 group consisting of alumina silica fiber, soluble fiber, mineral wool or any combination of
3 thereof.

1 12. (Previously Amended) The fibrous board of claim 10, comprising a body of
2 refractory ceramic fiber and mineral wool, wherein the mineral wool is adhered to the
3 refractory ceramic fiber.

1 13. (Original) The fibrous board of claim 11, wherein the ceramic fiber and mineral
2 wool are adhered by at least one binder.

1 14. (Original) The fibrous board of claim 13, wherein the at least one binder is an
2 inorganic binder.

1 15. (Currently Amended) The fibrous board of claim 14, wherein the inorganic
2 binder is selected from the group consisting of of powder or granular potassium silicate, sodium
3 silicate or other silicate materials, or phosphate or phosphate based materials and
4 combinations thereof.

1 16. (Original) The fibrous board of claim 15, further comprising at least one filler
2 material selected from the group consisting of clays, cements, perlite or vermiculite and
3 combinations thereof.

1 17. (Original) The fibrous board of claim 13, further comprising at least one filler
2 material selected from the group consisting of clays, cements, perlite or vermiculite and
3 combinations thereof.

1 18. (Original) The fibrous board of claim 15, wherein the fiber weight percent is
2 about 70-98%, the weight percent of binder is 2-20%, and the weight percent of filler is 0-15%.

1 19. (Original) The fibrous board of claim 18, wherein the board is greater than 50%
2 inorganic.

1 20. (Original) The fibrous board of claim 19, wherein the board is greater than 75%
2 inorganic.

1 21. (Original) The fibrous board of claim 20, wherein the board is greater than 85%
2 inorganic.

1 22. (Original) The fibrous board of claim 21, wherein the board is greater than 99%
2 inorganic.

1 23. (Cancelled) ~~The fibrous board of claim 18, which exhibits no off-gassing.~~

1 24. (Previously Amended) The fibrous board of claim 1, wherein the binder is
2 added into the process as, or just after, the fiber is being produced or as the mat or fleece is
3 being developed.

1 25. (Original) The fiberboard formed by the process of claim 8, wherein water spray
2 is added to the top and bottom surfaces at a rate of 10-30% of fiber basis weight on each of
3 the two surfaces.

1 26. (Original) The fiberboard formed by the process of claim 25, wherein the water
2 further comprises wetting agents to improve water penetration into the fiber mat.

1 27. (Original) The fiberboard of claim 25, wherein the density and thickness is
2 determined by being subjected to a hot press at a temperature sufficient to produce steam
3 and for a period of time sufficient to dry or nearly dry the board. Typical temperatures are
4 350°F-600°F.

5 28. (Withdrawn) ~~A process comprising a fiber board incorporating fiber, binder(s), fillers,~~
6 ~~and using a process wherein the binders are added at or just after a point of fiberization and~~
7 ~~before formation of a fibrous mat from which the boards are produced in a continuous~~
8 ~~manner, whereby accumulating wheels of layers of built up fibrous mat of desired thickness is~~
9 ~~pressed and dried into high temperature fiber boards.~~

1 29. (Withdrawn) ~~A process comprising a fiber board incorporating fiber, binder(s), fillers,~~
2 ~~and using a process wherein the binders are added at or just after a point of fiberization and~~
3 ~~before formation of a fibrous mat from which the boards are produced in a continuous~~
4 ~~manner, whereby accumulating wheels of layers of continuous mat of desired thickness is~~
5 ~~pressed and dried into high temperature fiber boards.~~

1 30. (Withdrawn) ~~A process comprising a fiber board, free of fillers, incorporating fiber,~~
2 ~~binder(s) and using a process wherein the binders are added at or just after a point of~~
3 ~~fiberization and before formation of a fibrous mat from which the boards are produced in a~~
4 ~~batch manner, whereby accumulating wheels of layers of built up fibrous mat of desired~~
5 ~~thickness is pressed and dried into high temperature fiber boards.~~

1 31. (Withdrawn) ~~A process comprising a fiber board incorporating fiber, binder(s), fillers,~~
2 ~~and using a process wherein the binders are added at or just after a point of fiberization and~~
3 ~~before formation of a fibrous mat from which the boards are produced in a batch manner,~~
4 ~~whereby accumulating wheels of layers of continuous mat of desired thickness is pressed and~~
5 ~~dried into high temperature fiber boards.~~

1 32. (Currently Amended) A pressed ceramic fiber board comprising a ceramic fiber, an
2 inorganic binder and a filler, in the absence of an organic binder or a cationic starch.

1 33. (Currently Amended) A pressed ceramic fiber board comprising about 70-
2 98% weight percent of alumina silica fiber, soluble fiber, mineral wool or any combination of
3 thereof, about 2-20% of powder or granular potassium silicate, sodium silicate or other silicate
4 materials, or phosphate or phosphate based materials and combinations thereof, and about
5 0-15% of clay, cement, perlite, or vermiculite and combinations thereof, the pressed ceramic
6 fiber board having no organic binder or cationic starch.